

# GeoPDF Production for AGC in i-cubed DataDoors

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Mark Fiorentino  
mfiorentino@i3.com  
+1 603 219 6494

The screenshot displays the i-cubed DataDoors application window. The title bar reads "i-cubed DataDoors". Below it is a menu bar with options like File, Edit, View, Tools, Windows, and Help. A toolbar contains various icons for file operations and viewing. The main area shows a world map with a grid overlay. At the bottom, there's a status bar displaying coordinates: "Lat: 48° N, Lon: -120° W, Alt: 1000 m, Azim: 0°, Roll: 0°, Pitch: 0°, Scale: 1.000000, Date: 2015-06-01, Time: 10:00:00".

GeoPDF© TerraGo

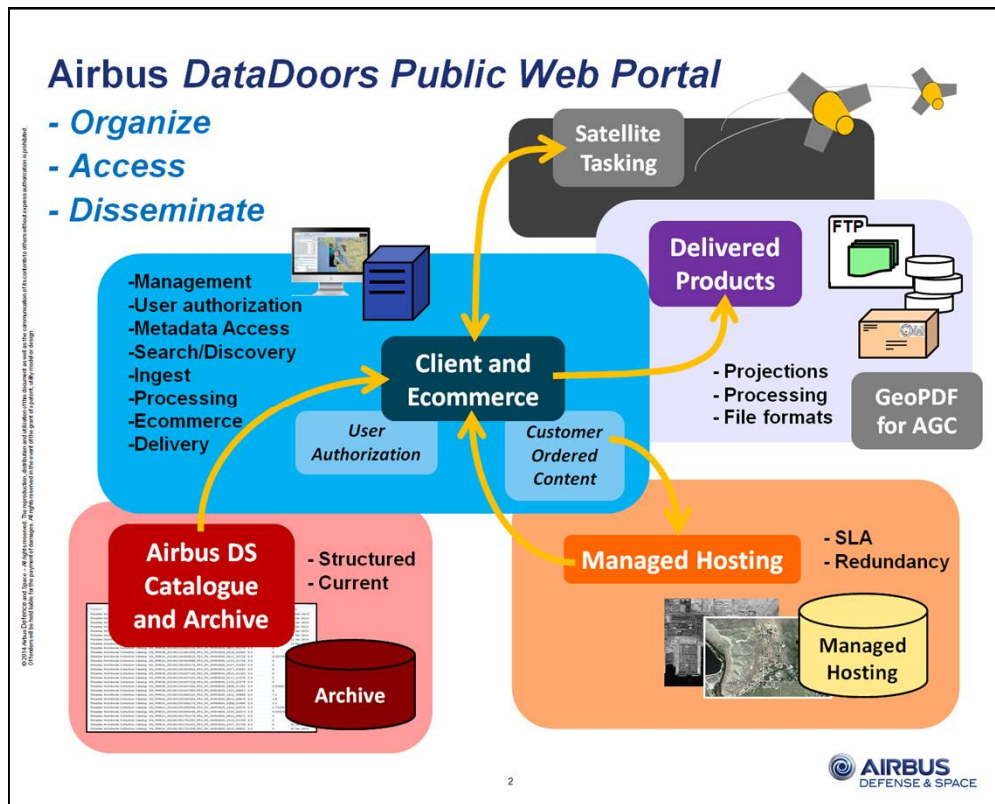
AIRBUS  
DEFENCE & SPACE

Mark Fiorentino  
mfiorentino@i3.com  
+1 603 219 6494



The Imagery Office of the Army Geospatial Center has been an important partner and customer to i-cubed, both for the great business they have given us for a dozen years, and for the influence they have had on the commercialization of our core products. It is a public/private partnership that started before that buzz term became popular. The capabilities we have provided to AGC have been important in promoting their evolution as a key user and booster of imagery content in the US Government.

The DataDoors system has continued to progress through many AGC requirements. One of those is a GeoPDF deliverable format. GeoPDF is the TerraGo copyrighted file format encapsulating georeference with the Acrobat PDF file structure. It is amazingly handy and somewhat surprising that it has not been more widely adopted by DataDoors customers.



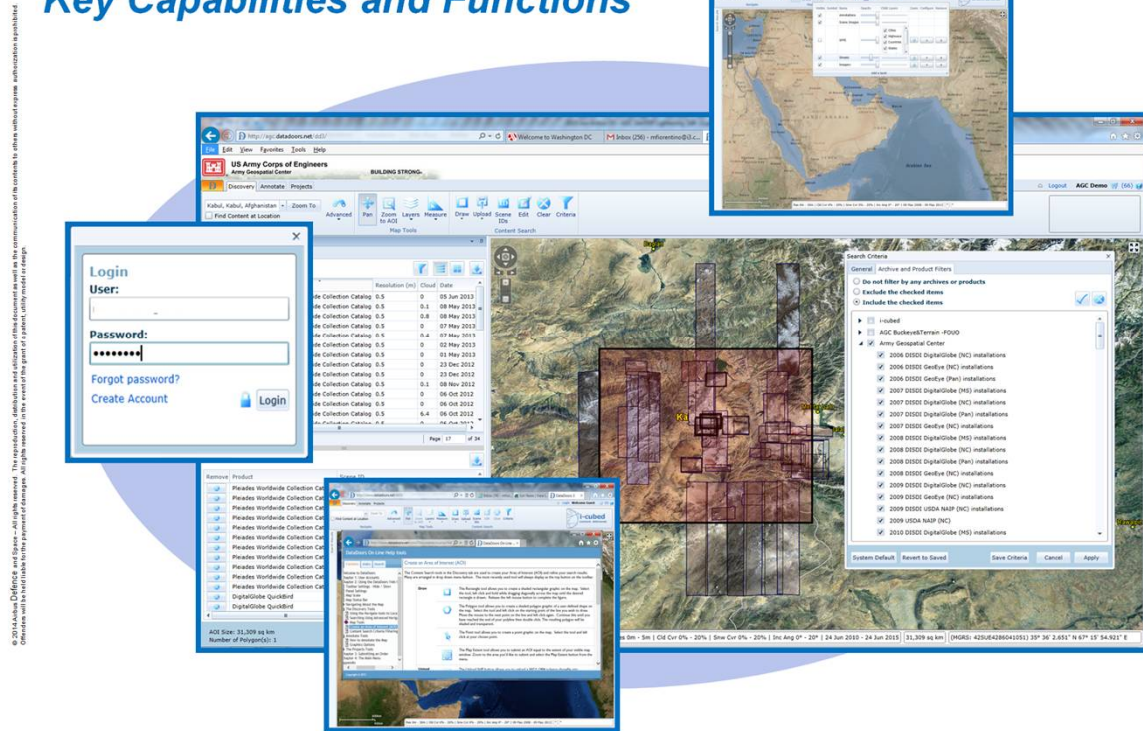
### Airbus DataDoors Portal

- DataDoors on the public web is connected to the Airbus Imagery Catalog and other external content sources.
- DataDoors, for hosting customers, provides restricted access to the secure database of their private content.
- DataDoors streamlines the organization, access, distribution and sharing of imagery and other geospatial data.
- DataDoors is relied on as a mission-critical application for organizations, from military and civilian government to major oil companies, content providers and other commercial businesses.

AGC's access to the Airbus/i-cubed hosted non-classified imagery is via the US Army Corps of Engineers-branded portal.

# Airbus DataDoors

## Key Capabilities and Functions



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### Airbus DataDoors Client

DataDoors makes important jobs easy to complete, track and audit for content requests and deliveries. In the graphic, DataDoors is depicted via the web-client interface, the login panel for named-user authentication, search tools panel, quick-look results and scene metadata popup, the catalog/archive control panel and the display-layer control panel.

For managing access and distribution of geospatial content, Airbus DS offers the unmatched functionality of DataDoors

- DataDoors is presented through a map-centric client interface providing tools for user authorization, location search, catalog management, map display management, content discovery, results filtering, deliverable formatting and product delivery.
- DataDoors Map Display Management tools allow the user to control the order and transparency levels of multiple map layers.
- The user can add available map services presented in a variety of protocols.
- DataDoors client-accessible Catalog Management tools allow the end-user to determine which of the available products will be included in a content search.
- At the administrative level, product availability can be controlled for each user so that only allowable content is searchable


### Metadata information within DataDoors

Access to Metadata is central to DataDoors search, sort and selection of content


- Source metadata as provided with content is ingested and searchable during discovery
- *temporal* product metadata is viewable through the *Search* activity, as a list for all results.
- *non-temporal* product metadata (e.g. mosaics) is provided as a summary

## DataDoors

### GeoPDF Products

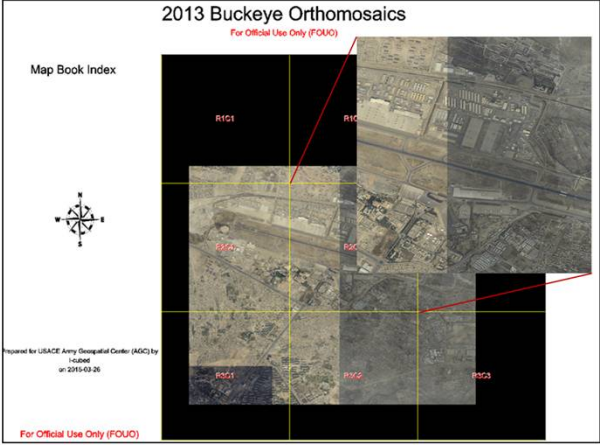


**Single**




**Mobile**

#### Map Book



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### ***Airbus DataDoors and GeoPDF products***

Three GeoPDF products are available to AGC users from DataDoors:

Single – one image clipped to the user's AOI, up to a maximum file size (e.g. 10MB deliverable product)

Map Book – a reduced-resolution index map with local hyper-links for the full-resolution tiled images.

- the Map Book is automatically created when the users AOI will create a product that is larger than the Single image maximum size

Mobile – one image at reduced resolution, intended for use on mobile devices.

AGC is the only licensed user for GeoPDF in DataDoors at the present time.

Contact Mark Fiorentino at i-cubed if you need any additional information.  
[mfiorentino@i3.com](mailto:mfiorentino@i3.com)  
 +1 603 219 6494